Here the time that the

Signature

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 500.41483X00

First Inventor MORI, KAZUHISA D. Title POWER CONVERTER

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail I	Label No.				8.66 9.60		
APPLICATION ELEMENTS SEE MPEP chapter 600 concerning utility patent application c	ontents.	ADDRESS	TO:	Assistant Commi Box Patent Applic Washington, DC		10/0		
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)				CD-R in duplicate	•	T I		
2. Applicant claims small entity status. See 37 CFR 1.27.		8. Nucleotide fif applicab	de and/or Amino Acid Sequence Submission able, all necessary) omputer Readable Form (CRF)					
3. Specification [Total Pages: 37]		•	•	ence Listing on: ROM or CD-R (2 o	copies); or			
-Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix			pape	er verifying identity o	f above copies			
-Background of the Invention -Brief Summary of the Invention		ACCOMPANYING APPLICATION PARTS						
-Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Pages: 7] 5. Oath or Declaration [Total Pages:] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) 6. Application Data Sheet. See 37 CFR 1.76		9. Ass 10. 37 (wh 11. Eng 12. Info Sta 13. Pre 14. Ret (Sh 15. Cer (if f 16. Nor (b)(or ii 17. Oth Card Payme	cFR 3.73 cen there is glish Trans commation E ctement (II eliminary A turn Recei could be s criffied Cop foreign prii cappublicatic (2)(B)(i). I its equival mer: Figs ent Forn	Papers (cover she (b) Statement is an assignee) slation Document Disclosure DS)/PTO-1449 Amendment ipt Postcard (MPE pecifically itemize by of Priority Docu ority is claimed) on Request under Applicant must at ent. 1A-1B,2,3A-3	Power of Attorned (if applicable) Copies of IDS Company (if applicable) Copies of IDS Company (if applicable) Copies of IDS Company (if applicable) EP 503) d) ment(s) 35 U.S.C. 122 tach form PTO/SB/35 E.4-6.7A-7B,8A-8B riority Letter, Informatical control of the company (if applicable) in the company (if applicable) (if a	itations		
18. If a CONTINUING APPLICATION, check appropriate boom in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation	x, and supply	the requisite	_	ion below and		endment,		
Prior application information: Examiner: Group Art (Unit:				lanlamatian ia auro-lio	d undos		

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts 19. CORRESPONDENCE ADDRESS 020457 or Correspondence address below Customer Number or Bar Code Label (Insert Customer No: or Attach bar code la ANTONELLI, TERRY, STOUT & KRAUS, LLP Name Address Zip City <u>Gode</u> Country Telephone (703) 312-6600 Fax (703) 312-6666 Registration No. (Attorney/Agent) 22,466 Name

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Date

March 19, 2002

PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are requi	illed to respond to a collection of the			a con	ecaon (
FEE TRANSMITTAL			Complete if Known						
		Application Number			ımber	11	0		
for FY 2002			Filing Date			March 19, 2002	4		
Patent fees are subject to annual revision.		First Named Inventor			vento	r MORI, KAZUHISA			
		Exan	Examiner Name				8		
		Group Art Unit					200		
TOTAL AMOUNT OF PAYMENT (\$) 992.00		Attor	ney	Dock	et No.	500.41483X00	0/ 0/		
METHOD OF PAYMENT	Π				FE	E CALCULATION (continued)	Ü		
The Commissioner is hereby authorized to charge indicated fees and credit overpayments to: Deposit Account Number 01-2135 Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP			rge tity e F	NAL I	FEES Small Entity Fee (\$)	Fee Description	Fee Paid		
Charge Any Additional Fee Required Under 37 CFR 1.1 6 and 1.17	Co	,				·			
Applicant Claims small entity status.	105			205	65 25	Surcharge – late filing fee or oath			
See 37 CFR 1.27	127	50	50 227 25 Surcharge – late provisional filing fee or cover sheet						
2. Payment Enclosed:	139	130	0 1	139	130	Non-English specification			
☐ Check ☐ Credit Card ☐ Money Order ☐ Other	147	7 2,5	20 1	147	2,520	For filing a request for ex parte reexamination			
FEE CALCULATION	112	2 920	0* 1	112	920*	Requesting publication of SIR prior to Examination action			
2. BASIC FILING FEE Large Entity Small Entity	113	3 1,8	40* 1	113	1,840	*Requesting publication of SIR after Examiner action			
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	115	5 110	0 2	215	55	Extension for reply within first month			
101 740 201 370 Utility filing fee 740.00	116	3 400	0 2	216	200	Extension for reply within second month			
106 330 206 165 Design filing fee	117	7 920	0 2	217	460	Extension for reply within third month			
107 510 207 255 Plant filing fee	118	3 1,4	40 2	218	720	Extension for reply within fourth month			
108 740 208 370 Reissue filing fee	128	3 1,9	60 2	228	980	Extension for reply within fifth month			
114 160 214 80 Provisional filing fee	119	320	0 2	219	160	Notice of Appeal	i		
SUBTOTAL (1) 740.00	120			220	160	Filing a brief in support of an appeal			
1. EXTRA CLAIM FEES	12	•							
1. EXTRA CLAIM FEES Fee from		B 1,5		138		Petition to institute a public use proceeding			
Extra Claims below Fee Paid	140			240	55	Petition to revive – unavoidable			
Total Claims 16 -20** = 0 x 18 = 0	141			241	640	Petition to revive – unintentional			
Indep. Claims 6-3** = 3 x 84 = 252.00	142	· ·		242	640	Utility issue fee (or reissue)			
	143			243 244	230 310	Design issue fee Plant issue fee			
Multiple Dependent 280 = 0	122			244 122	130	Petitions to the Commissioner			
Large Entity Small Entity	123			123	50	Processing fee under 37 CFR 1.17(q)			
Fee Fee Fee Fee Description	126			126	180	Submission of Information Disclosure Stmt			
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	58		-	581	40	Recording each patent assignment per property (times number of properties)			
102 84 202 42 Independent claims in excess of 3	146	6 740	0 2	246	370	For each additional invention to be examined (37 CFR § 1.129(a))			
104 280 204 140 Multiple dependent claim, if not paid	149	9 740	0 2	249	370	For each additional invention to be			
109 84 209 42 ** Reissue independent claims over original patent		9 740	0 3	279	370	examined (37 CFR § 1.129(b)) Request for Continued Examination (RCE)			
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169					Request for expedited examination			
SUBTOTAL (2) \$ 252.00	Oth	ther fee (specify)							
300101AL (2) \$ 232.00									
**or number previously paid, if greater; For Reissues, see above.	*Re	educed	by Ba	asic Fili	ing Fee	Paid SUBTOTAL (3) (\$)	0.00		

SUBMITTED BY		Compl	Complete (if applicable)		
Name (Print/Type)	Melvin Kraus	Registration No. (Attorney/Agent)	22,466	Telephone	703-312-6600
Signature	Mulihum			Date	03/19/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.